

Offshore Price SFP Optical Module OSFP



AI Overview

SFP modules typically range from \$20–\$200 depending on speed and reach, while 400G OSFP modules are priced higher, often between \$1,000–\$2,500 offshore, with variations based on vendor, type, and transmission distance.

SFP Modules SFP (Small Form-Factor Pluggable) modules are widely used for lower-speed connections in enterprise networks and access layers. Prices vary based on data rate and reach:

- 1G–10G SFP: \$20–\$100 offshore for short-reach modules, higher for long-reach versions.
- 25G SFP: \$80–\$200 depending on compatibility and distance.

SFP modules are compatible with most switches and routers, and their cost is influenced by vendor, optical reach (SR, LR, ER), and connector type.

OSFP Modules OSFP (Octal Small Form-Factor Pluggable) modules are designed for high-speed 400G and above applications, typically in AI data centers, hyperscale networks, and service provider environments.

Key points:

- 400G OSFP:** Offshore prices generally range from \$1,000 to \$2,500 per module, depending on the type (SR8, LR4, ER4), PAM4 modulation, and vendor.
- 800G OSFP:** Higher-end modules for InfiniBand or RoCE can exceed \$3,000, supporting distances from 100m to 2km.

OSFP modules integrate 8 data lanes on the host side and 4–8 lanes on the line side, offering high bandwidth and scalability.

Factors Affecting Pricing

- Data Rate:** Higher-speed modules (400G, 800G) cost significantly more than 10G–25G SFPs.
- Reach:** Short-reach (SR) modules are cheaper than long-reach (LR/ER) modules.
- Vendor and Compatibility:** Modules compatible with Cisco, Juniper, Arista, and other major brands may carry a premium.
- Form Factor:** OSFP and QSFP-DD modules are more expensive than SFP due to higher lane count and advanced signaling (PAM4).
- Customization:** OEM/ODM services or custom modules can increase cost but provide tailored solutions.

Summary

For offshore procurement:

- SFP modules: \$20–\$200 depending on speed and reach.
- 400G OSFP modules: \$1,000–\$2,500, with higher prices for long-reach or specialized modules.

Article Content

400G Optical Module Selection Guide: QSFP-DD vs.

Compare QSFP-DD, QSFP28, and OSFP form factors. Learn about compatibility, power constraints, migration TCO, and data center selection

Wholesale Optical Transceivers Module | 100G

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical

800G OSFP Optical Transceiver Modules

Explore QSPTEK 800G OSFP optics price lists and datasheets. The 800G optics provide ultra low latency, low power, and high reliability optical interconnect core components for data centers, AI

800G QSFP-DD

Below we will show different models of 800G SFP one by one. More SFP modules will be released online soon. If you are looking for a 800G OSFP/QSFP-DD

1.6T OSFP 2xDR4/DR8, 1310nm, 500m, DDM, CDR,

The MJ-OSFP1.6TB-DR8 is a cost-effective, high-performance OSFP module tailored for AI datacenter applications, delivering an aggregate throughput of 1.6

SFP Modules: The Unsung Heroes of Modern Networks

KEY VARIANTS OF SFP MODULES 1□ SFP (1G) The original standard, supporting up to 1.25 Gbps. Common in Legacy Telecom technologies, Ethernet, and Fibre Channel networks. 2□ SFP+ (10G)

400G OSFP

The 400g SFP modules produced by SULITON are suitable for most switch brands on the market, such as MSA, Cisco, Huawei, Juniper, Dell, Edge-Core and other

Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical transceiver, is a typically hot-pluggable

800G OSFP/QSFP-DD Optical Transceivers for

High-density 800G OSFP and QSFP-DD transceivers support InfiniBand and RoCE, enabling 100m to 2km transmission via MMF and SMF.

The Big Differences Between SFP, SFP+, SFP28,

QSFP-DD & OSFP: Networking Technologies of the Future QSFP-DD and OSFP are geared towards meeting future networking requirements,

1.6T/800G/400G Transceivers

NADDOD 400G-1.6T transceiver modules come in OSFP, QSFP-DD, and QSFP112 form factors, providing the most suitable multimode and single-mode solutions based on different application

FS Transceivers | Premium Optical Transceivers

FS Transceivers offers a comprehensive range of optical transceivers including SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP-DD, and OSFP form factors. We support

800G OSFP/QSFP-DD | Transceiver Modules

FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G transceiver modules are ideal choice for AI

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

How to Choose the Right Fiber Optic Cable for Your Optical Transceiver

Learn how to choose the right fiber optic cable for SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP-DD, and OSFP optical transceivers. Avoid common fiber compatibility mistakes and improve

Optical Transceiver Market Size, Growth Drivers

Optical Transceiver Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031) The Optical Transceiver Market Report is

Understanding the OSFP Standard: The Open 400G/800G Optical

Learn how OSFP (Octal Small Form Factor Pluggable) enables scalable 400G and 800G Ethernet connectivity with superior thermal design, power efficiency, and compatibility.

Lightrend

Lightrend Tech Limited, founded in 2020 and located in Wuhan, Optics Valley of China, Lightrend is a manufacturer that specializes in the Reserch, design,

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

The Evolution of 400G, 800G, and 1.6T Optical Modules

With the rapid advancement of AI, HPC, and cloud computing, the demand for high-speed optical modules such as 400G, 800G, and even 1.6T is

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

Optical Transceiver Modules Prices & Specifications

Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical transceiver, is a typically hot-pluggable device used in high-bandwidth data

1.6T OSFP224 | AI Ethernet Modules

FS provides 1.6T OSFP224, free & fast delivery, expert tech support, outstanding warranties.

D Link Dgs 712 Compatible Copper Sfp Module

San Marino Price OSFP Optical Module SFP Shop Opstran 1000base Lx Lh Sfp Optical Transceiver Module Compatible With Hpe at best prices at Desertcart San Marino. FREE Delivery Across San

SFP+ Cables

Online shopping. w/24h-delivery, 7Days & Refund Guarantee. CE, RoHS and ISO9001 Certified. SFP+ Cables, QSFP+ Cables, MiniSAS Cables, XFP Cables,

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sphplantsales.co.za>

Email: info@sphplantsales.co.za

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

